

IN THE SPECIFICATION:

Please replace paragraph 0002 of the specification with the following amended paragraph.

[0002] The present invention generally relates to the field of ~~relates to~~ electronic circuits and more particularly, the invention relates to a voltage-controlled oscillator with active amplifiers.

Please replace paragraphs 0021-0024 of the specification with the following amended paragraphs.

[0021]FIG.1 is a circuit diagram showing generically a voltage controlled oscillator operating by a capacitance variation in its capacitive circuit, ~~according to the present invention;~~

[0022]FIG.2 is a graph showing, in arbitrary units, the values Y taken by the capacitor and the sensitivity of a varactor as a function of the difference between its biasing voltage and its control voltage, ~~according to the present invention;~~

[0023]FIG.3 is a circuit diagram showing a known type of capacitive circuit ~~of for the voltage controlled oscillator of~~ FIG. 1 for implementing ~~a~~ the voltage controlled oscillator in a differential mode, ~~according to the present invention;~~

[0024] FIG.4 is a graph showing, in arbitrary units, the capacitance Cb exhibited by the circuit of FIG.3 in the case where that circuit comprises just two varactors, and the capacitance CT exhibited by the capacitive circuit CAPA of FIG.1 in the case where that circuit is formed by a circuit in conformity with that of FIG.3 and using eight varactors, ~~according to the present invention;~~